

CLAIMS

1. A candle comprised of fatty alcohols in combination with one or more components selected from the group consisting of: free fatty acids, triglycerides, and paraffin, said fatty alcohol, free fatty acids and triglycerides having an Iodine Value of approximately 12.5 or less.

2. The candle of Claim 1, wherein said fatty alcohol comprises at least approximately 5% by weight of said candle.

3. The candle of Claim 1, wherein said fatty alcohol, free fatty acids and triglycerides having an Iodine Value of approximately 10 or less.

4. The candle of Claim 1, wherein said fatty alcohol, free fatty acids and triglycerides having an Iodine Value of approximately 7 or less.

5. The candle of Claim 1, wherein said fatty alcohol, free fatty acids and triglycerides having an Iodine Value of approximately 4 or less.

6. The candle of Claim 1, wherein said fatty alcohol, free fatty acids and triglycerides having an Iodine Value of approximately 1 or less.

7. The candle of Claim 6, wherein said fatty alcohol is one or more selected from the group of fatty alcohols having between 12 and 18 carbons atoms.

8. The candle of Claim 1, wherein said fatty alcohol, free fatty acids, and triglycerides are derived from plant sources.

9. The candle of Claim 6, including at least approximately 30% by weight paraffin to approximately 90% by weight paraffin.

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10. The candle of Claim 1, having substantially no paraffin.

11. A candle composition comprised at least in part of paraffin and fatty material including triglycerides, free fatty acids, and fatty alcohols, said fatty material having an Iodine Value of approximately 12.5 or less.

12¹². The composition of Claim 12, wherein the fatty material has an Iodine Value of approximately 8 or less.

13¹³. The composition of Claim 12, wherein the fatty material has an Iodine value of approximately 3 or less.

14¹⁴. The composition of Claim 12, wherein the fatty material has an Iodine value of approximately 1 or less.

15¹⁵. The composition of Claim 13¹⁴, including at least approximately 55% by weight paraffin.

16¹⁶. The composition of Claim 12, wherein said fatty material is at least in part derived from plant sources.

17¹⁷. A candle composition comprised at least in part of fatty alcohols and hydrogenated free fatty acids, said fatty alcohols and free fatty acids having an Iodine Value of approximately 2 or less.

18¹⁸. The candle composition of Claim 13¹⁴, wherein said fatty alcohols and free fatty acids have an Iodine Value of approximately 1 or less.

19¹⁹. The candle composition of Claim 13¹⁷, wherein said fatty alcohols and free fatty acids have an Iodine Value of approximately 0.3 or less.

²⁰₂₁. The candle composition of Claim ¹⁷₁₈ comprised of approximately 30% or more by weight fatty alcohols and free fatty acids.

²¹₂₂. The candle composition of claim ¹⁷₁₈ wherein said fatty alcohols are selected from the a group having carbon chains varying in length from about 12 carbons to about 18 carbons.

²²₂₃. The candle composition of Claim ¹⁷₁₈, wherein said fatty alcohols and free fatty acids are at least in part derived from plant sources.

²³₂₄. A candle composition comprised of one or more fatty alcohols having a melting point of at least about 75 degrees Fahrenheit.

²⁴₂₅. The candle composition of claim ²³₂₄ wherein said fatty alcohols are selected from the group having aliphatic chains of 12 to 18 carbons in length.

²⁵₂₆. The candle composition of claim ²³₂₄ additionally comprising one or more components selected from the group consisting of: free fatty acids and paraffin, said fatty alcohols and free fatty acids having an Iodine Value of approximately 12.5 or less.

²⁶₂₇. The candle composition of claim ²³₂₄ additionally comprising one or more components selected from the group consisting of: free fatty acids and paraffin, said fatty alcohols and free fatty acids having an Iodine Value of approximately 1 or less.

²⁷₂₈. The candle composition of claim ²³₂₄ additionally comprising one or more components selected from the group consisting of: free fatty acids and paraffin, said fatty alcohols and free fatty acids having an Iodine Value of approximately 0.3 or less.

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²³~~26~~ 26. The candle composition of claim ²³~~24~~ wherein said fatty alcohols comprise approximately 100% by weight of said composition.

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²⁵~~29~~ 30. The candle composition of claim ²⁵~~26~~ wherein said fatty alcohols comprise at least about 5% by weight of said composition.

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³⁰~~30~~ 31. The candle composition of claim ²⁵~~26~~ having free fatty acids in an amount of from about 50% by weight to about 90% by weight, fatty alcohols in an amount of from about 10% by weight to about 50% by weight, and substantially no triglycerides or paraffin.

R126

³¹~~31~~ 32. The candle composition of claim ²⁹~~30~~ including paraffin in an amount from about 1% by weight to about 70% by weight and free fatty acids in an amount from about 20% by weight to about 90% by weight.

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